

POUR AGAINST

UNDISTURBED

TEE THRUST BLOCK

PLUG THRUST BLOCK

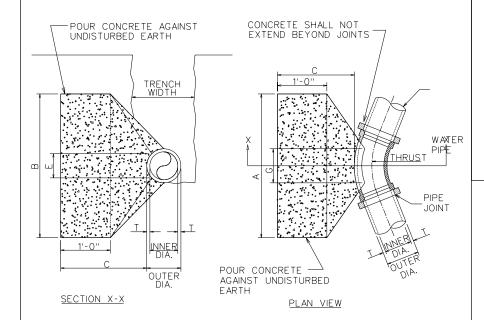
POUR AGAINST

UNDISTURBED EARTH

THRUST BLOCK NOTES:

- ALL CALCULATIONS ARE BASED ON INTERNAL PRESSURE OF 200psi FOR 24" AND SMALLER INNER DIAMETER PIPE.
- 2. ALL BEARING SURFACES OF THRUST BLOCKS SHALL BE PLACED AGAINST UNDISTURBED EARTH OR ROCK.
- 3. CONCRETE FOR BLOCKING SHALL BE 2000 psi.
- 4. DIMENSIONS MAY BE VARIED AS REQUIRED BY FIELD WHERE AND AS DIRECTED BY THE ENGINEER. THE VOLUME OF CONCRETE BLOCKING SHALL NOT BE LESS THAN SHOWN HERE.
- 5. WATER MAIN WILL NOT BE FILLED UNTIL ALL CONCRETE BLOCKING HAS REACHED 1500psi.

THRUST BLOCK DETAILS



HORIZONTAL THRUST BLOCK SCHEDULE

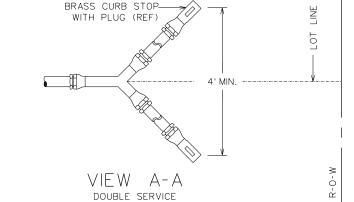
E	BEND	SIZE	A (ft)	B	C (ft)	E (ft)	G (ft)	VOLUME (c.y.)
	90°	6,8"	5.0	1.5	1.5	0.9	2.7	0.4
		10,12"	6.5	2.5	1.5	1.2	4.0	1.0
	45°	6,8"	2.0	2.0	1.5	0.9	1.5	0.2
		10,12"	3.5	2.5	1.5	1.2	2.2	0.5
Γ,	22.5°	6,8"	1.5	1.5	1.5	0.9	0.8	0.1
1		10,12"	2.0	2.5	1.5	1.2	1.1	0.3
	11.25°	6,8"	1.0	1.5	1.5	0.9	0.4	0.1
		10,12"	1.5	1.5	1.5	1.2	0.6	0.1

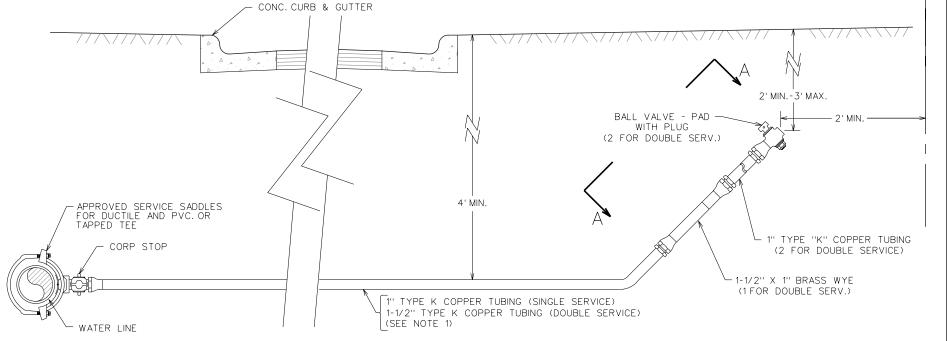
TYPICAL HORIZONTAL
THRUST BLOCK

W2-00

NOTES:

- NO SPLICES IN COPPER TUBING WILL BE ALLOWED BETWEEN THE SERVICE SADDLE AND THE CURB STOP FOR SINGLE SERVICE OR BETWEEN THE SERVICE SADDLE AND THE WYE FOR DOUBLE SERVICE.
- 2. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PRESSURE TEST LINES IMMEDIATELY AFTER THE STREET CROSSINGS HAVE BEEN INSTALLED.
- 3. MARK EACH SERVICE END WITH METAL "T" POST PAINTED BLUE.
- 4. MATERIAL USED SHALL BE AS SPECIFIED OR AN APPROVED EQUAL.
- ALL CONNECTIONS TO BE COMPRESSION TYPE.
 ALL SERVICE WYES & EXTENSIONS ARE TO BE INSTALLED WITH THE MAIN LINE CONSTRUCTION.



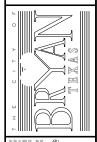


WATER CROSSING

BRYAN - COLLEGE STATION STANDARD WATER DETAILS



|W2-01|



DRAWN BY: AH

DATE: 04-07-03

SCALE: N T S

APPROVED: W P K

FIGURE: